

BELZONA PROTECTS IRRIGATION CULVERT

CUSTOMER

Irrigation District - Wyoming, USA

APPLICATION DATE

March 2007

APPLICATION SITUATION

Galvanized steel pipe used to carry 400 ft³/s of irrigation water.

PROBLEM

Debris, sand, and silt carried by irrigation water wore through the galvanizing in one season. Left uncorrected, the underlying carbon steel pipe would quickly corrode leading to soil erosion.

PRODUCTS

Belzona® 5811 (Immersion Grade)

Belzona® 9331 (Reinforcing sheet)

SUBSTRATE

Galvanized steel

APPLICATION METHOD

Belzona® 5811 and Belzona® 9331 were applied in accordance with a modified Belzona Know-How System Leaflet VPF-2.

BELZONA FACTS

Replacement of the damaged pipe would have cost \$700,000 and taken considerable time to complete. The Belzona repair was conducted quickly in situ and saved the customer \$650,000. Inspected after one season and found to be in excellent condition.

PICTURES

1. The galvanized culvert to be protected
2. Belzona® 5811 being applied via airless spray
3. The completed application. Inspected after one season of operation



1.



2.



3.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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